

JUN 6 REC'D

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# SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

Rev. 1/26/2006 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 6/5/06 Serial # 10/812,277 Priority Application Date 3/20/04  
 Your Name M. Lewis Examiner # 73172  
 AU 2522 Phone 202-1831 Room 5A30  
 In what format would you like your results? Paper is the default. PAPER DISK EMAIL  
 If submitting more than one search request form, please prioritize the searches in order of need.

Where have you searched so far on this case?

Circle:

USPT

DWPI

EPO Abs

JPO Abs

IBM TDB

Other:

Need before 6/12

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.

What types of references would you like? Please checkmark:

Primary Refs ☒

Nonpatent Literature ☐

Teaching Refs ☐

Secondary Refs ☐

Foreign Patents ☐

Other ☐

Is this a "Fast & Focused Search" request? (Circle One) YES NO  
 A "Fast & Focused Search" is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at <http://uspto-a-patrr-2/siraapps/stic/npl/nplsearch.htm>

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 1, 5, 26-39  
Interposer-Folded  
Minimum Size

Problem: See pages 1-2  
Solution: " " abstract

US 2004/0021211

## Staff Use Only

Searcher: Paul Kim  
 Searcher Phone: 202-8949  
 Searcher Location: STIC-EIC2800, JEF-4B68  
 Date Searcher Picked Up: 6/12/06  
 Date Completed: 6/12/06  
 Searcher Prep/Rev Time: 2 hrs  
 Online Time: 2 hrs

## Type of Search

Structure (#) ☐  
 Bibliographic ☐  
 Litigation ☐  
 Fulltext ☐  
 Patent Family ☐  
 Other ☐

## Vendors

STN ☒  
 Dialog ☒  
 Questel/Orbit ☐  
 Lexis-Nexis ☒  
 WWW/Internet ☒  
 Other ☐



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Edit an existing query or  
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Search Query Display.

Mon, 12 Jun 2006, 3:42:20 PM EST

## Search Query Display

Select a search number (#)  
to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

## Recent Search Queries

		Results
<a href="#">#1</a>	( interposer folded<in>metadata )	0
<a href="#">#2</a>	(( interposer <in>metadata ) <and> ( die<in>metadata ) )<and> ( solder<in>metadata )	16
<a href="#">#3</a>	fold and interposer	17
<a href="#">#4</a>	(flexible and interposer<IN>metadata)	29
<a href="#">#5</a>	(flexible and interposer and second<IN>metadata)	19
<a href="#">#6</a>	(flexible and interposer and contact<IN>metadata)	9



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Reconnected in file OS 12jun06 15:15:33

File 2:INSPEC 1898-2006/Jun W1  
 (c) 2006 Institution of Electrical Engineers  
 File 94:JICST-EPlus 1985-2006/Mar W2  
 (c)2006 Japan Science and Tech Corp(JST)

Set	Items	Description
S1	6769	INTERPOS?
S2	788533	FOLD??? OR FLEX? OR CURV? OR BEND?
S3	131688	SOLDER () COLUMN? ? OR SOLDER () CONTACT? ? OR CONDUCT? () BUMP? ? OR SOLDER () BALL? ? OR MOUNT? () CONNECT? OR EPOXY () BEAD? ? OR TERMINAL? ?
S4	313358	SOLDER? ? OR CONTACT? ? OR CONDUCT? ? OR BUMP? ? OR BALL? ? OR BEAD? ?
S5	1986724	SURFACE? ? OR EXTERIOR? ? OR LAYER? ? OR OUTSIDE OR OUTER
S6	1018	STACKED () ARRANGEMENT? ? OR MULTIPLE () HOUSING? ? OR CHIP () MOUNT?
S7	63	S1 (3N) S2
S8	28	S7 AND S4
S9	26	RD (unique items)
S10	12	S1 AND S6 /
S11	4	S10 AND S2
S12	28619	S4 (4N) S5
S13	7	S12 AND S7
S14	11	S13 OR S11
S15	5	S14 NOT S9

	L #	Hits	Search Text	DBs	Time Stamp
1	L2	0	("6750536").URPN.	USPAT	2006/06/12 14:25
2	L3	3	("5909058"   "6002165"   "6060774").PN.	US- PGPUB; USPAT; USOCR	2006/06/12 14:26
3	L4	7	("5909058"   "6002165"   "6060774").PN.	US- PGPUB; USPAT; USOCR; DERWEN T	2006/06/12 14:26
4	L6	24	((("20030062614") or ("20030148597") or ("5,506,753") or ("5,909,058") or ("6,002,165") or ("6,060,774") or ("6,184,064") or ("6,208,521") or ("6,225,695") or ("6,297,548") or ("6,433,418"))).PN.	US- PGPUB; USPAT; USOCR; DERWEN T	2006/06/12 14:32
5	L7	3	((("6750536") or ("20030062614") or ("6208521"))).PN.	US- PGPUB; USPAT; USOCR	2006/06/12 14:32
6	L8	4	("2003/0062614").URPN.	USPAT	2006/06/12 14:32
7	L9	0	("6750536").URPN.	USPAT	2006/06/12 14:33
8	L10	3	("5909058"   "6002165"   "6060774").PN.	US- PGPUB; USPAT; USOCR	2006/06/12 14:33
9	L11	46	("6208521").URPN.	USPAT	2006/06/12 14:34

	L #	Hits	Search Text	DBs	Time Stamp
10	L12	21	("3242384"   "3873889"   "4991290"   "5008496"   "5220488"   "5224023"   "5252857"   "5265322"   "5345205"   "5386341"   "5448511"   "5519578"   "5565705"   "5646446"   "5717556"   "5789815"   "5805422"   "5926369"   "5956234"   "5963427") .PN.	US- PGPUB; USPAT; USOCR	2006/06/12 14:49
11	L13	1	("20040021211") .PN.	US- PGPUB; USPAT; USOCR	2006/06/12 14:49
12	L14	6	("2004/0021211") .URPN.	USPAT	2006/06/12 14:50